

DEPLOYMENT OF APP IN IBM CLOUD

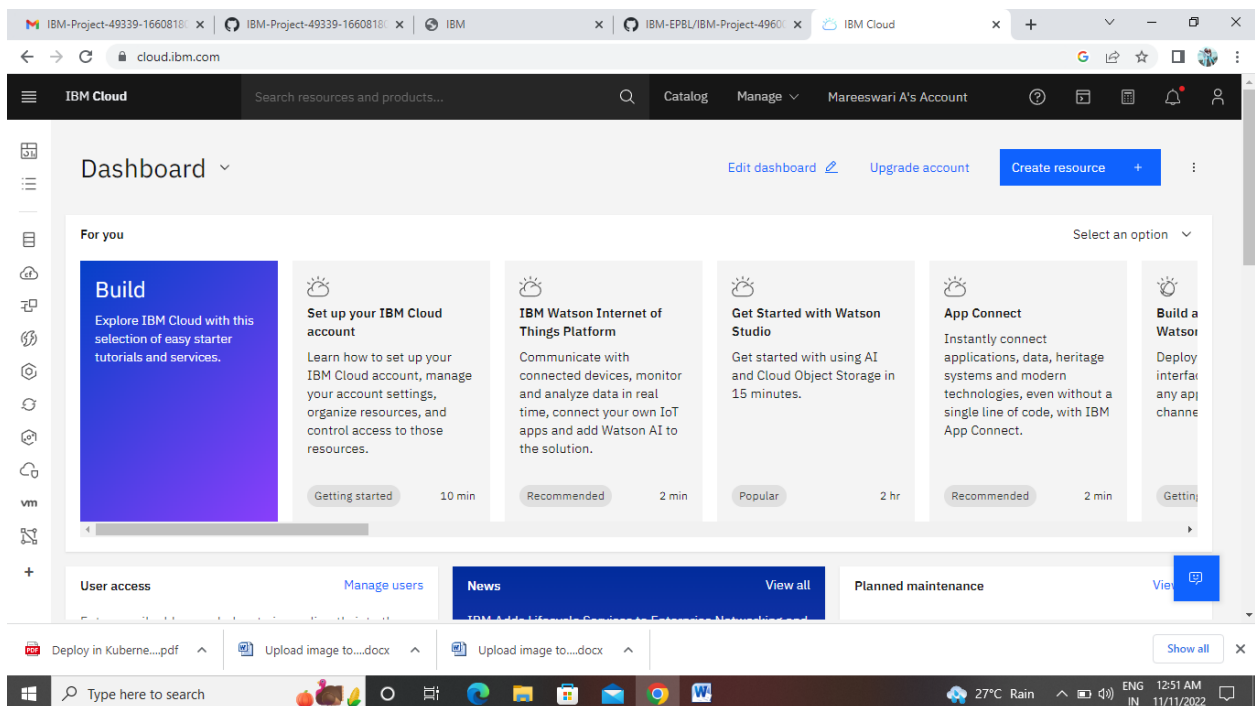
DEPLOY IN KUBERNETS

| | |
|--------------|--------------------------------------|
| Team ID | PNT2022TMID50434 |
| Project Name | Personal Expense Tracker Application |

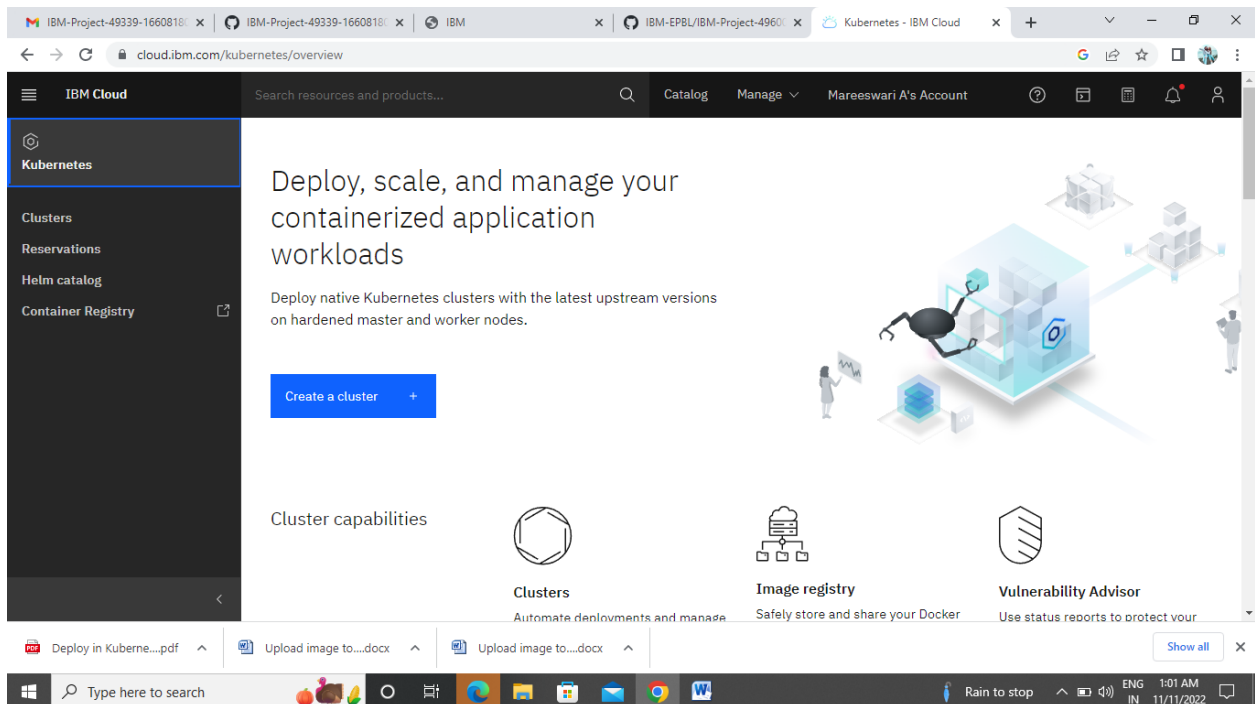
Steps

Create a Kubernetes cluster

- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.



- Click **Create Cluster**.



- Select the **Region** where you want to deploy the cluster, type in a **name** for your cluster, then click **Create Cluster**.
- Select the appropriate cluster type depending on your account.
- It takes some time for the cluster to get ready.

Kubernetes version

Select the Kubernetes platform version for your cluster. For more information about versions, including links to the container platform community release notes, [see the docs](#).

1.24.7

Resource details

Cluster name

mycluster-free

Resource group

Default

Summary United States

Kubernetes cluster

1 Worker node Free

Free - 2 vCPUs 4GB RAM
Virtual - shared
Ubuntu 18

Total estimated cost Free/mo

*Additional charges for networking and bandwidth might apply.
Actual monthly total will vary with tiered pricing.
Estimate does not include costs for integrations.*

Creating...

Add to estimate

- Once the cluster is ready, click on your cluster's name and you will be redirected to a new page with information about your cluster and worker node.

Clusters / mycluster-free

Preparing master, workers... Expires in 30 days Add tags

Help Kubernetes dashboard Actions...

Overview

Worker nodes
Worker pools
DevOps **New**

Expires in 30 days:
Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a [standard cluster](#).

Node status: 1 of 1 Normal
Add-on status: 0 of 0 Normal
Master status: Normal
Ingress status: Pending

Details

| | | | |
|--------------------|----------------|----------------------------|----------|
| Cluster ID | Version | Infrastructure | Zones |
| cdlnvof0ts1ic | 1.24.7_1542 | Classic | Milan 01 |
| Created | Resource group | Image security enforcement | |
| 11/9/2022, 2:24 AM | Default | Enable | |

Log in to your cluster

- Launch the IBM Cloud Shell
For quick access in clusters with a public cloud service endpoint, use the IBM Cloud Shell. To download the CLI locally, see the [docs](#).
[IBM Cloud Shell](#)
- Set the context for your cluster in the IBM Cloud Shell
For more access options that vary with your cluster network setup, see the [docs](#).
`ibmcloud ks cluster cc`

Deploy your app
Expose your app
Add storage to your app
Connect integrations
Install add-ons
Troubleshoot

- Click on the **Worker Nodes** tab to note the cluster's Public IP.

Clusters / mycluster-free

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Worker nodes

Worker pools
DevOps **New**

Search Add

| Name | Status | Worker pool | Zone | Private IP | Public IP |
|----------|--------|-------------|----------|---------------|----------------|
| 00000009 | Normal | default | Milan 01 | 10.144.187.85 | 159.122.183.38 |

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